

Claims

[c1] WHAT IS CLAIMED IS:

1. A safety device for a trimmer that has a working part, comprising a cutting tool and a drive, and a guide part comprising a guide shaft that has a drive connection for connecting a drive motor to the drive of the working part, wherein the working part is pivotable relative to the guide part; the safety device comprising:

a drive cutoff mechanism for switching off the drive of the working part when an angle between the working part and the guide part is within a predetermined pivot angle range.

[c2] 2. The safety device according to claim 1, wherein the drive cutoff mechanism is arranged above the working part and the guide part.

[c3] 3. The safety device according to claim 1, wherein the drive cutoff mechanism comprises an engagement member, wherein the engagement member engages a drive member of the drive in order to turn off the drive.

[c4] 4. The safety device according to claim 3, wherein the engagement member has an engagement section,

wherein the engagement section of the engagement member is pushed between teeth of a gear wheel forming the drive member of the drive.

- [c5] 5. The safety device according to claim 3, wherein the drive cutoff mechanism further comprises a cam-controlled lifting pin, wherein the engagement member is actuated by the cam-controlled lifting pin.
- [c6] 6. The safety device according to claim 5, wherein the engagement member is rotated by the lifting pin.
- [c7] 7. The safety device according to claim 6, wherein a rotary driving direction of the drive member of the drive and a rotational direction of the engagement section of the engagement member for engaging the drive member are oriented opposite to one another.
- [c8] 8. The safety device according to claim 1, wherein the cutting tool is a blade.
- [c9] 9. The safety device according to claim 8, wherein the blade is a reciprocating blade.
- [c10] 10. The safety device according to claim 8, wherein the blade is a rotary blade.
- [c11] 11. The safety device according to claim 1, wherein the trimmer is a hedge trimmer or a grass trimmer.

